Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Sunday 23 Aug 2020 until 23:59 on Monday 24 Aug 2020

Forecast Issued on Saturday 22 Aug 2020 at 14:37

Confidence: High confidence in the prevailing unsettled, rather cool and breezy conditions, but low for rainfall detail throughout, and especially for extent of wet and windy weather by midweek.

Headline for Sunday 23 Aug 2020: Cloudy with further showers or showery rain, locally heavy and possibly thundery at times. Still on the windy side, but less so than on Saturday.

Mountain weather hazards on Sunday 23 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Light rain	Light rain showers	Heavy rain showers	Heavy rain showers	Heavy rain showers	Heavy rain showers
Precipitation probability							
30%	20%	20%	30%	40%	40%	40%	40%

Forecast for Sunday 23 Aug 2020

Weather: Overnight will be largely dry and cloudy, with the odd shower still possible. Still on the windy side, with the risk of gales across the summits. Into Sunday morning, it will stay rather cloudy with further showers. The showers will merge to give some longer spells of showery rain, locally heavy and possibly thundery, during the afternoon and these may continue into the evening. Meanwhile, eastern areas should favour best in regards to any brighter or sunnier spells during the day.

Chance of cloud free mountain/hill tops above 600m: 10% chance during the morning, with cloud bases down to 300-400m in showers. Lifting to above the summits during the afternoon, but frequently lowering to 400-500m in heavy showers or longer spells of rain.

Visibility: Generally good, but poor in heavy showers or longer spells of rain.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 23 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	22/29 W	20/26 W	20/27 W	19/26 W	18/25 W	15/22 W	15/21 W	14/20 W	14/19 W
300	17/25 W	14/21 W	14/21 W	15/23 W	14/21 W	11/18 W	10/16 W	10/16 W	10/16 W
Valley	11/24 W	9/20 W	9/19 W	11/21 W	11/20 W	8/18 W	7/16 W	6/15 W	6/14 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	10/7	10/7	11/8	12/9	12/9	11/9	10/8	10/7
300	13/11	12/10	12/10	13/11	14/12	14/12	14/12	13/11	12/10
Valley	14/12	13/12	13/12	14/12	15/13	15/14	14/13	13/12	12/11
Freezing Level*	2400m	2400m	2400m	2400m	2500m	2400m	2200m	2300m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling colder than temperatures suggest, especially so for August, with frequent showers combining with the ever-present strong wind to give a risk of wind chill.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 21 Aug 2020	10.6mm	18.8mm	21.4mm

Forecast for Monday 24 Aug 2020

Weather: Monday will see a mixture of sunny spells and showers. The showers are likely to be heavy at times, with the low risk of thunder. Less windy than recent days. Any showers will gradually ease during the evening, with clear spells developing.

Maximum wind: West to southwesterly 10-15mph, with gusts up to 20-25mph at times, although winds will gradually ease later in the day.

Chance of cloud free mountain/hill tops above 600m: 30% chance during the morning, with cloud bases down to 400-500m. Lifting to above the summits by midday, but lowering occasionally in showers to 400-500m.

Visibility: Generally good, but occasionally poor in heavy showers.

Temperature: **Valleys:** Plus 11 Celsius, becoming Plus 16 Celsius.
At 600m: Plus 09 Celsius, becoming Plus 12 Celsius.
Freezing level: Above the summits.

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